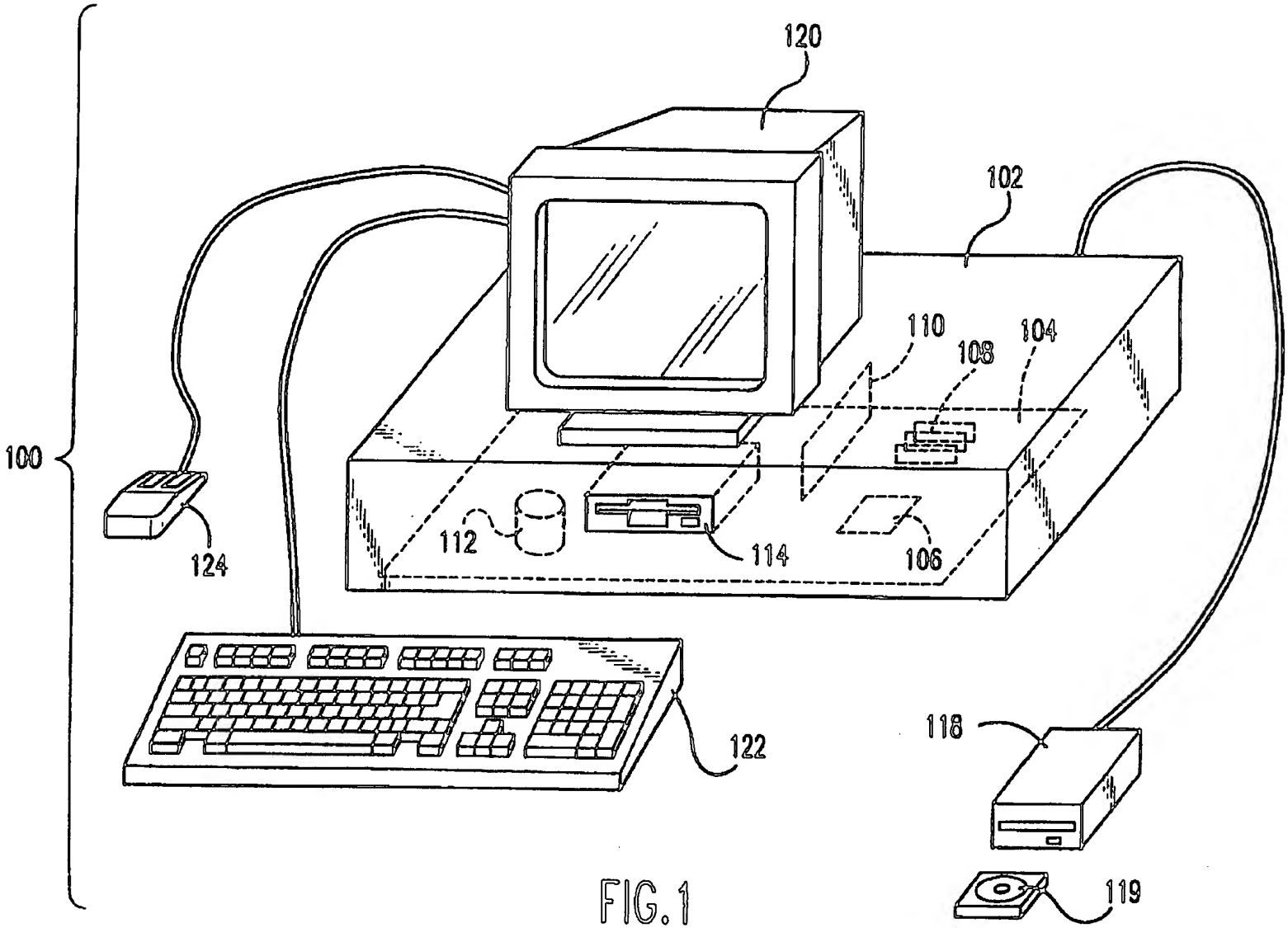


FIG. 1

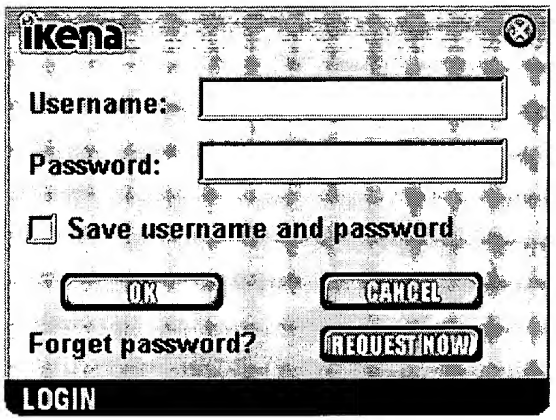

iKena
Username:
Password:
Save username and password
OK
CANCEL
Forget password?
REQUEST NOW!
LOGIN

Fig. 2A

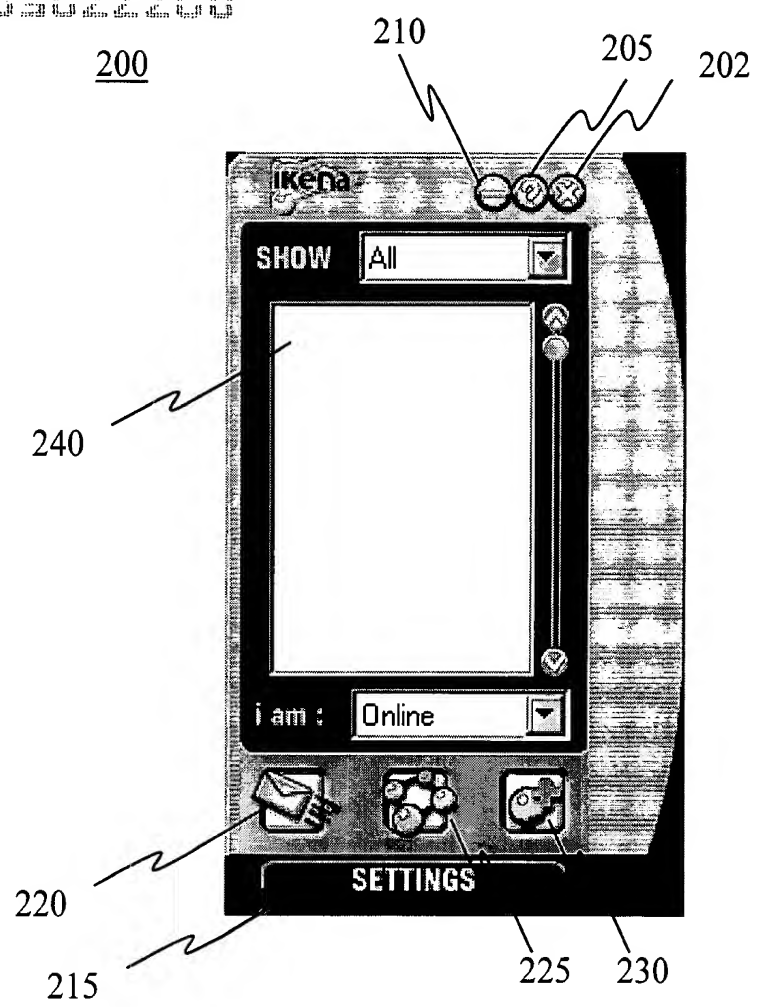

200
210
205
202
iKena
SHOW
All
i am :
Online
SETTINGS
240
220
215
225
230

Fig. 2D

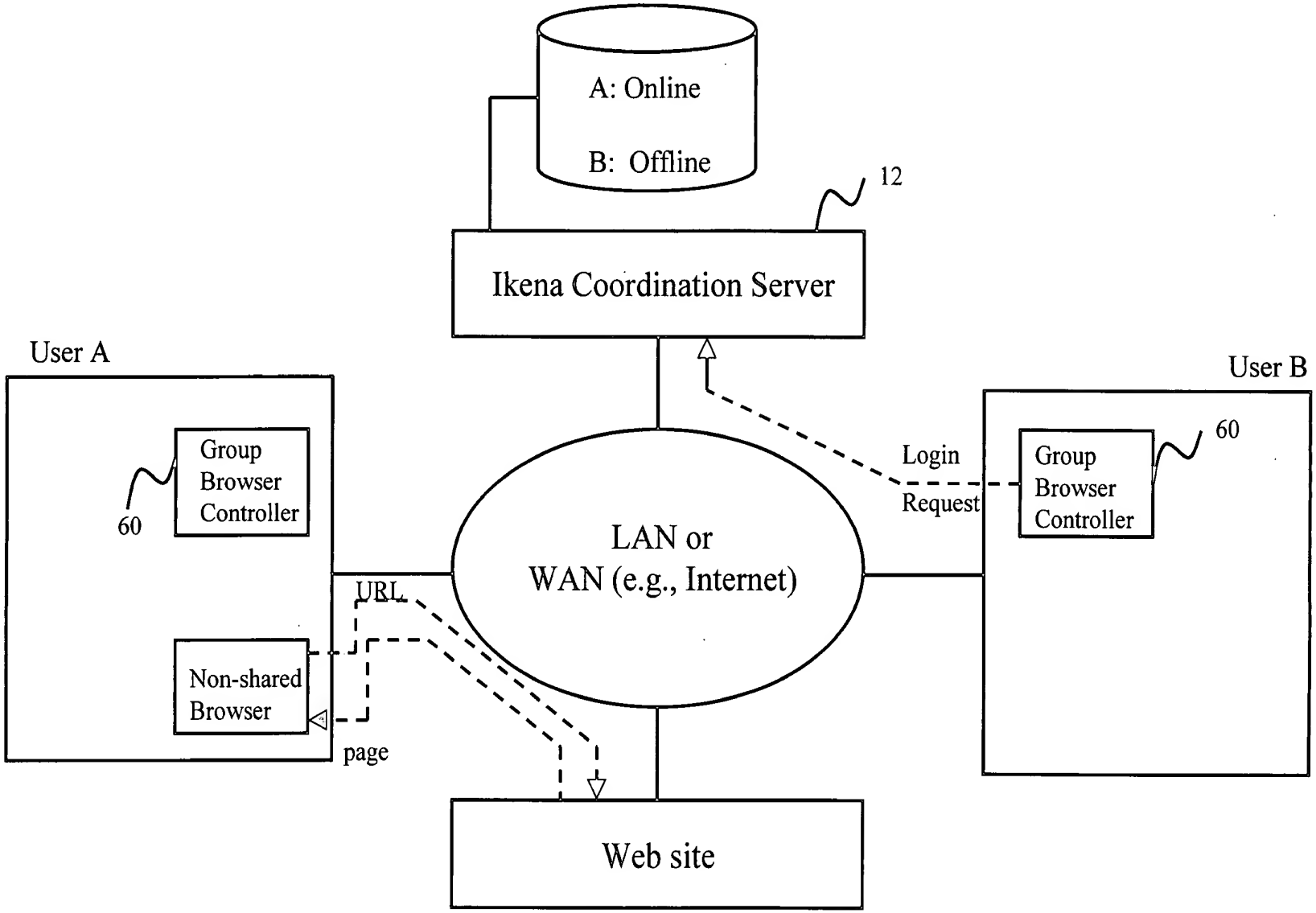

A: Online
B: Offline
12
Ikena Coordination Server
User A
User B
Group
Browser
Controller
60
Login
Request
Group
Browser
Controller
60
LAN or
WAN (e.g., Internet)
URL
Non-shared
Browser
page
Web site

Fig. 2B

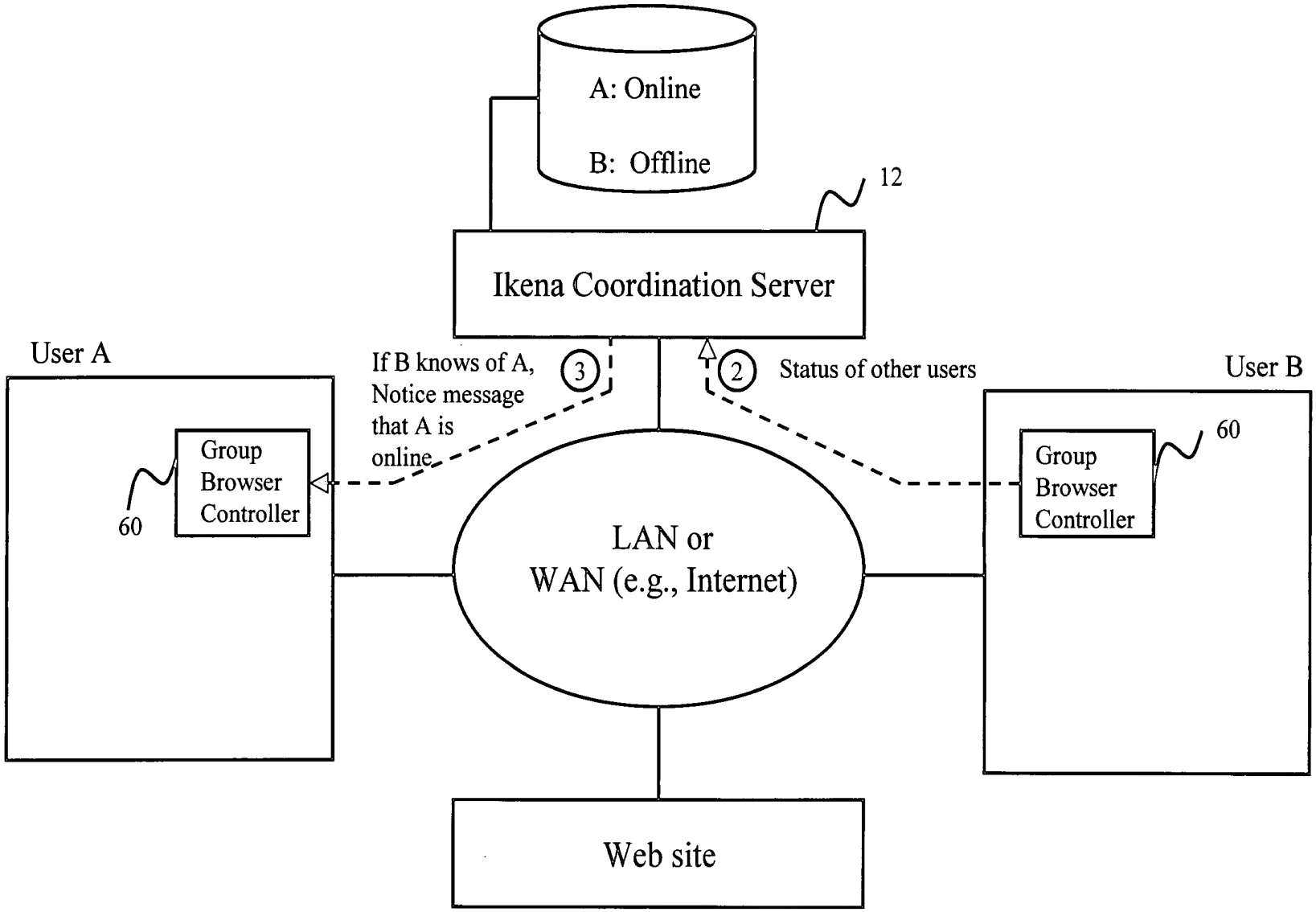

A: Online
B: Offline
12
Ikena Coordination Server
User A
If B knows of A,
Notice message
that A is
online
3
2
Status of other users
User B
Group
Browser
Controller
60
60
Group
Browser
Controller
LAN or
WAN (e.g., Internet)
Web site

Fig. 2C

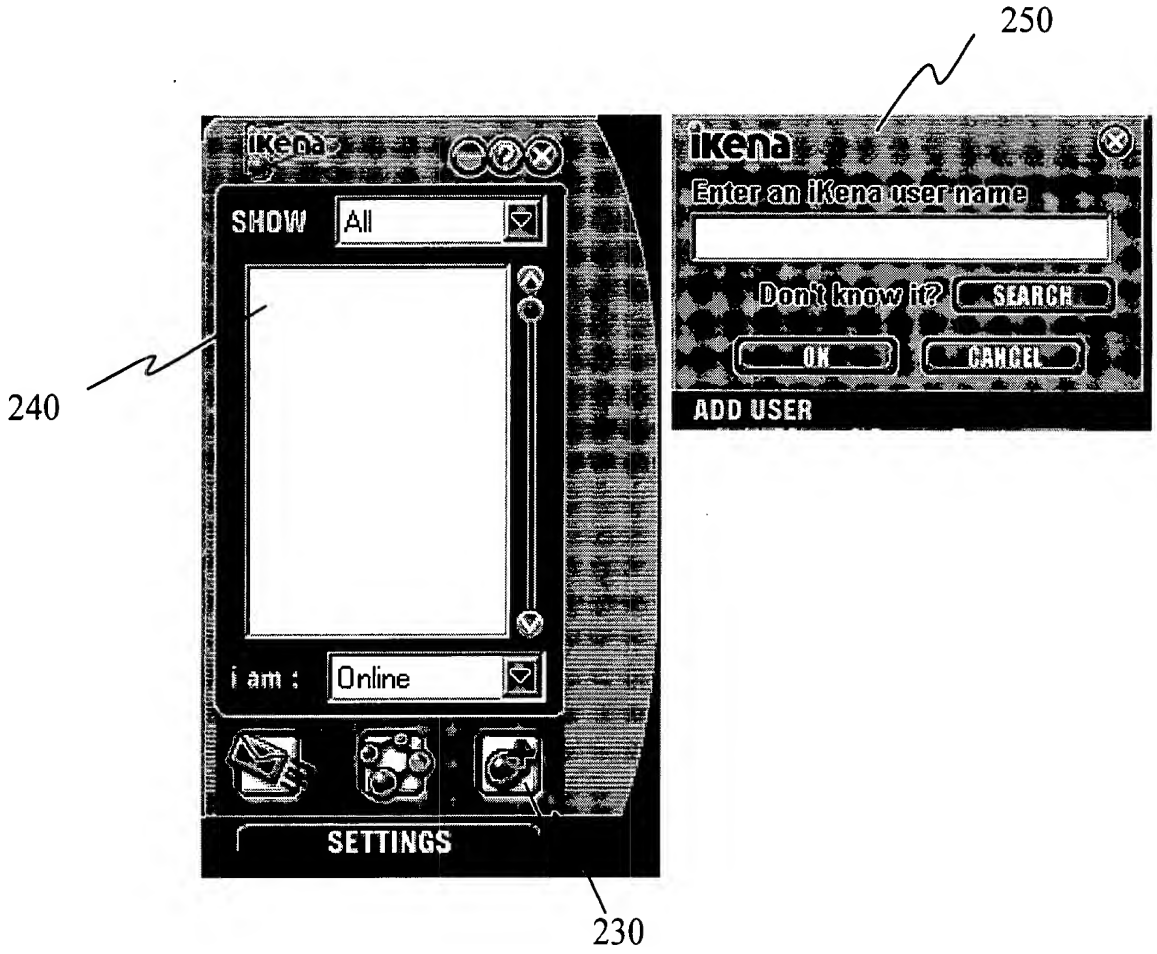

250
iKena
Enter an iKena user name
Don't know it?
SEARCH
OK
CANCEL
ADD USER
240
iKena
SHOW
All
i am :
Online
SETTINGS
230

Fig. 3A

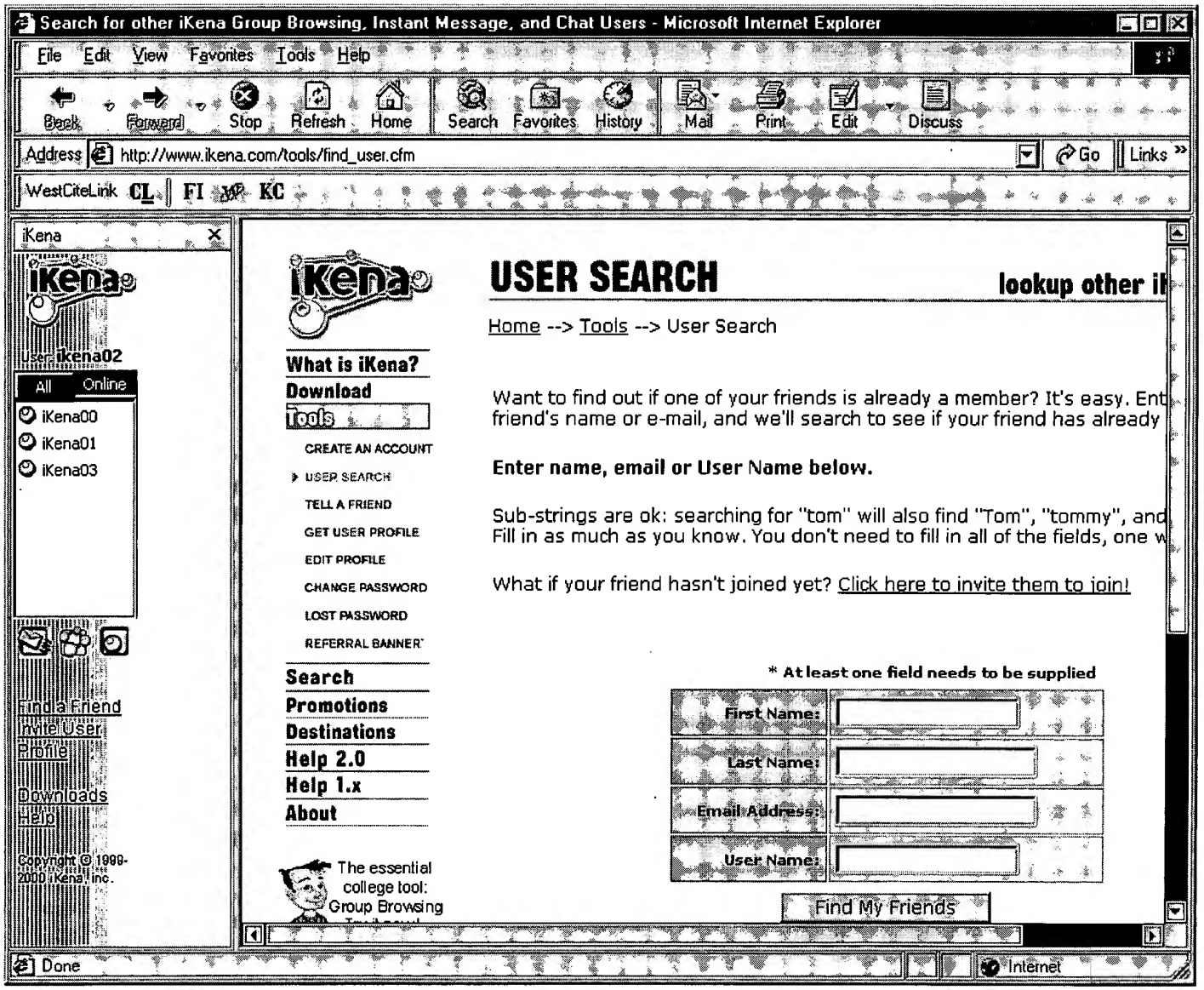
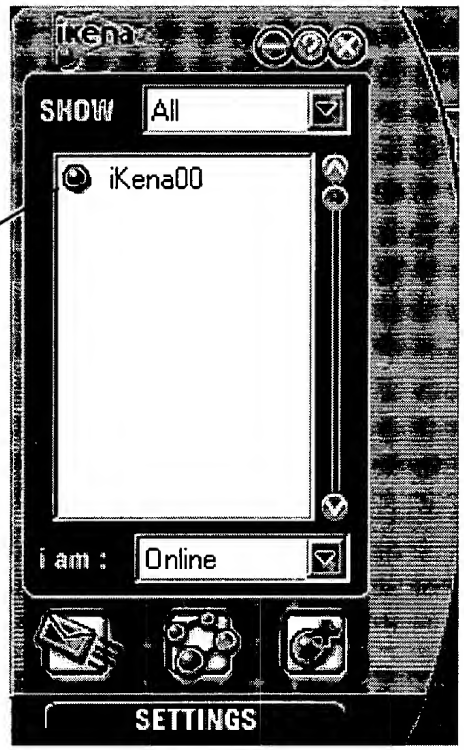

Search for other iKena Group Browsing, Instant Message, and Chat Users - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss
Address http://www.ikena.com/tools/find_user.cfm
Go Links
WestCiteLink CL FI KC
iKena
User: ikena02
All Online
iKena00
iKena01
iKena03
Find a Friend
Invite User
Profile
Downloads
Help
Copyright © 1999-2000 iKena, Inc.
What is iKena?
Download
Tools
CREATE AN ACCOUNT
USER SEARCH
TELL A FRIEND
GET USER PROFILE
EDIT PROFILE
CHANGE PASSWORD
LOST PASSWORD
REFERRAL BANNER
Search
Promotions
Destinations
Help 2.0
Help 1.x
About
The essential college tool: Group Browsing
USER SEARCH
lookup other i
Home --> Tools --> User Search
Want to find out if one of your friends is already a member? It's easy. Ent
friend's name or e-mail, and we'll search to see if your friend has already
Enter name, email or User Name below.
Sub-strings are ok: searching for "tom" will also find "Tom", "tommy", and
Fill in as much as you know. You don't need to fill in all of the fields, one w
What if your friend hasn't joined yet? Click here to invite them to join!
* At least one field needs to be supplied
First Name:
Last Name:
Email Address:
User Name:
Find My Friends
Done
Internet

Fig. 3B



240

Fig. 4A

Fig. 4B

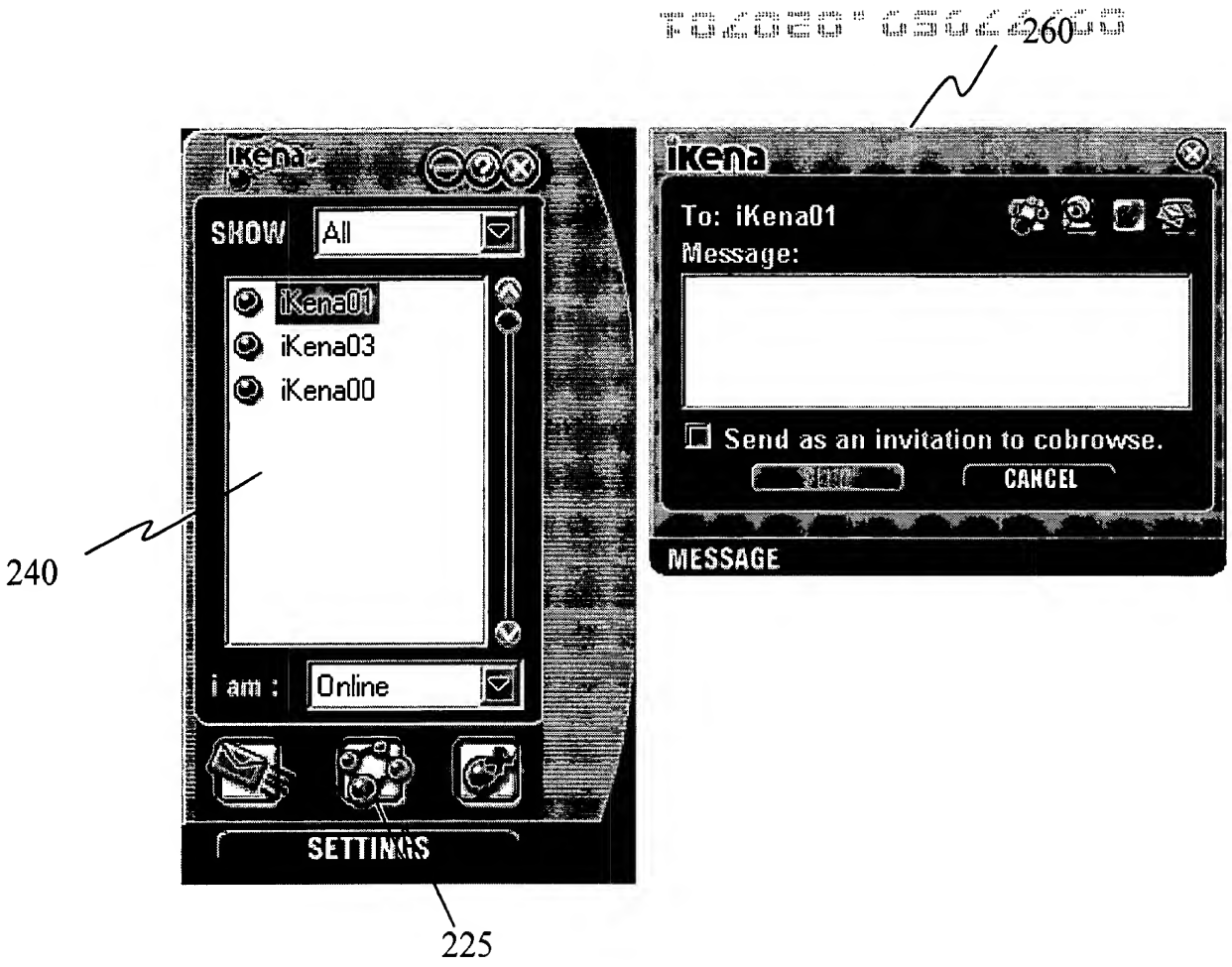

260
iKena
SHOW
All
iKena01
iKena03
iKena00
i am :
Online
SETTINGS
240
225
iKena
To: iKena01
Message:
Send as an invitation to cobrowse.
CANCEL
MESSAGE

Fig. 5A

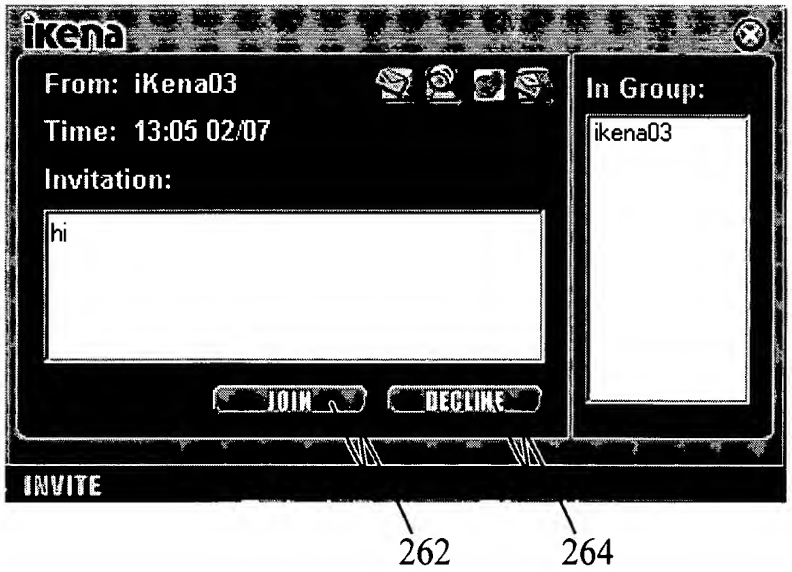

iKena
From: iKena03
Time: 13:05 02/07
Invitation:
hi
In Group:
ikena03
JOIN
DECLINE
INVITE
262
264

Fig. 5B

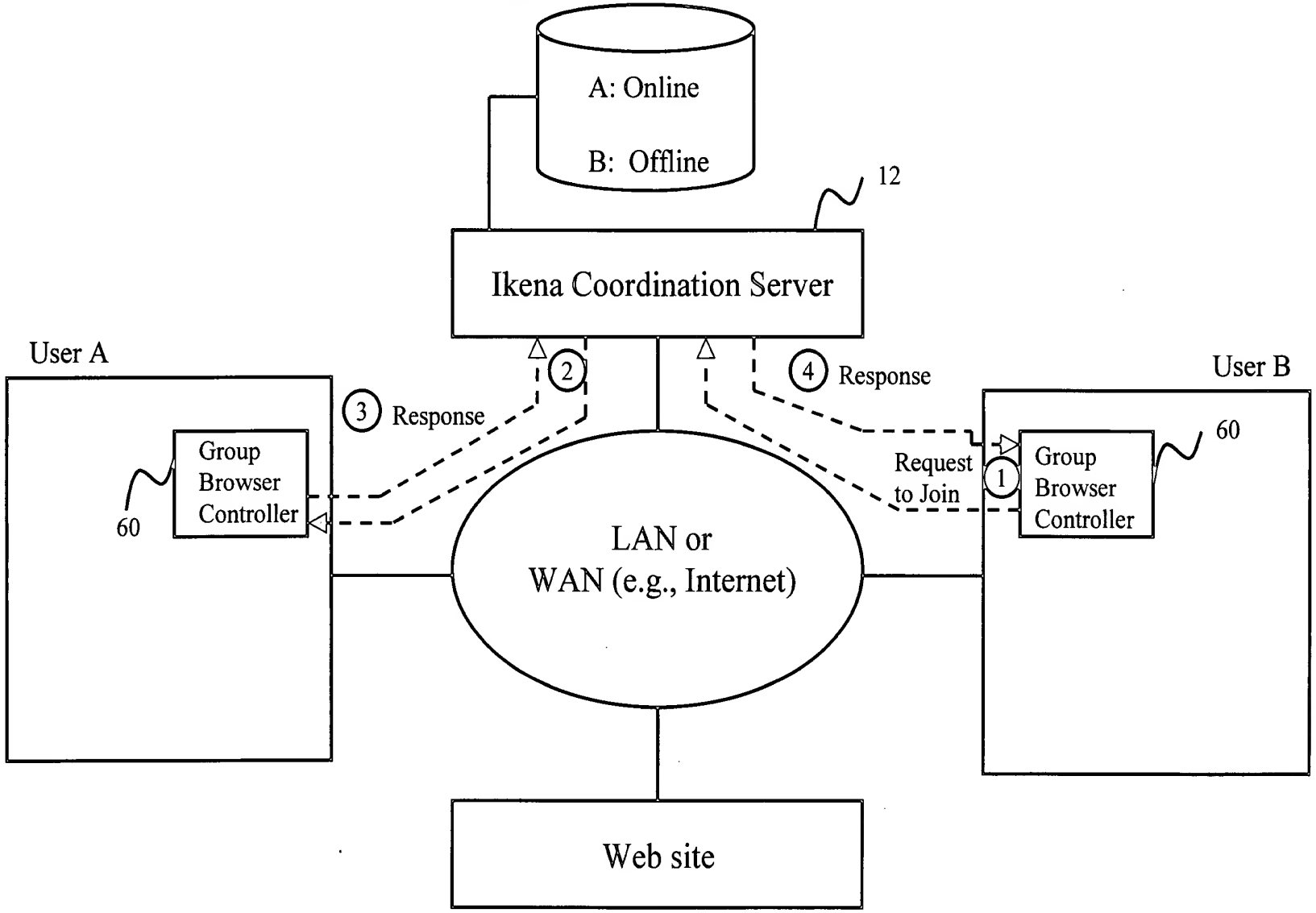

A: Online
B: Offline
12
Ikena Coordination Server
User A
User B
2
3 Response
4 Response
Group
Browser
Controller
60
Request
to Join
1
Group
Browser
Controller
60
LAN or
WAN (e.g., Internet)
Web site

Fig. 5C

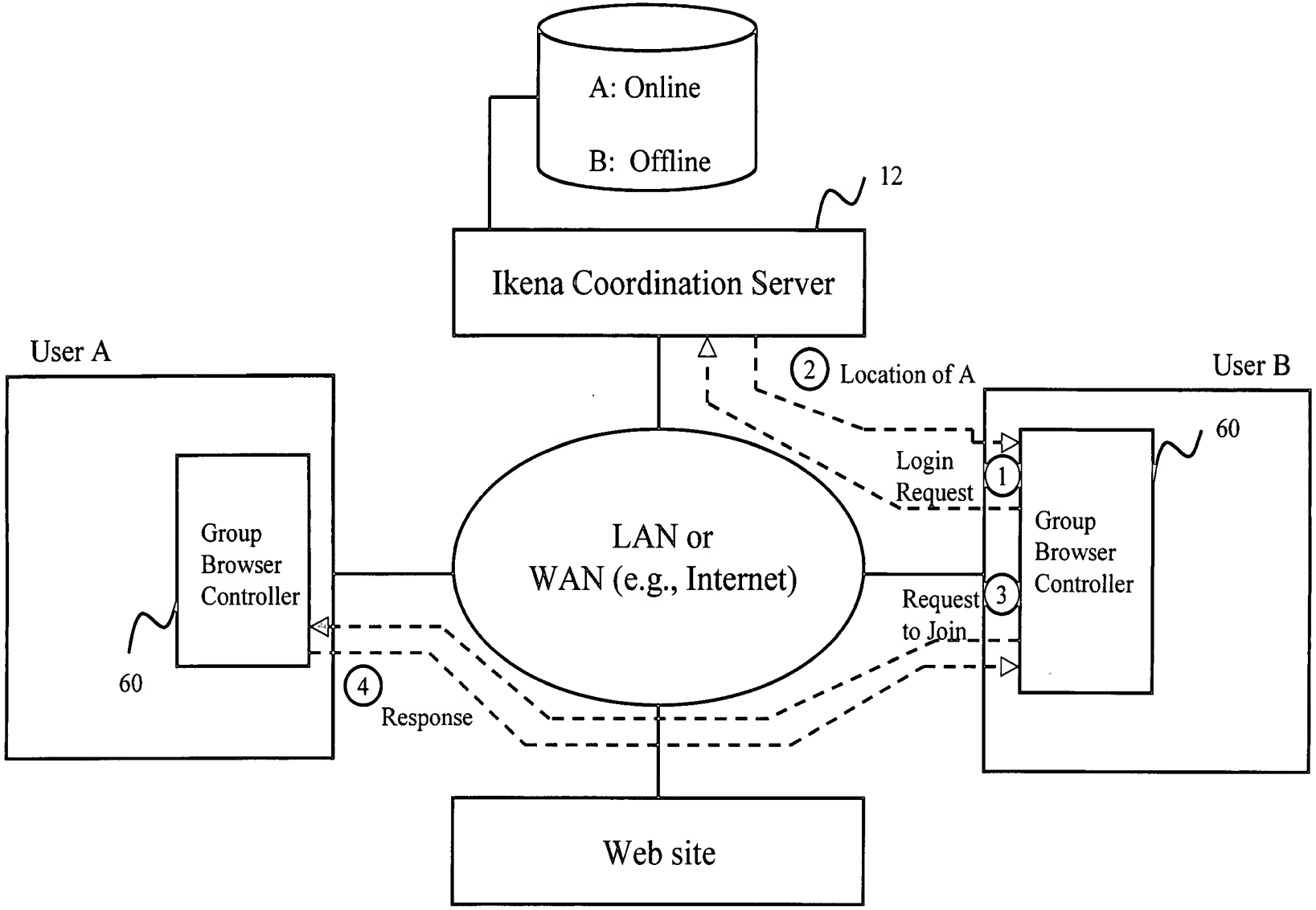

A: Online
B: Offline
12
Ikena Coordination Server
User A
2 Location of A
User B
60
Login
Request
1
Group
Browser
Controller
LAN or
WAN (e.g., Internet)
Request
to Join
3
Group
Browser
Controller
60
4
Response
Web site

Fig. 5D

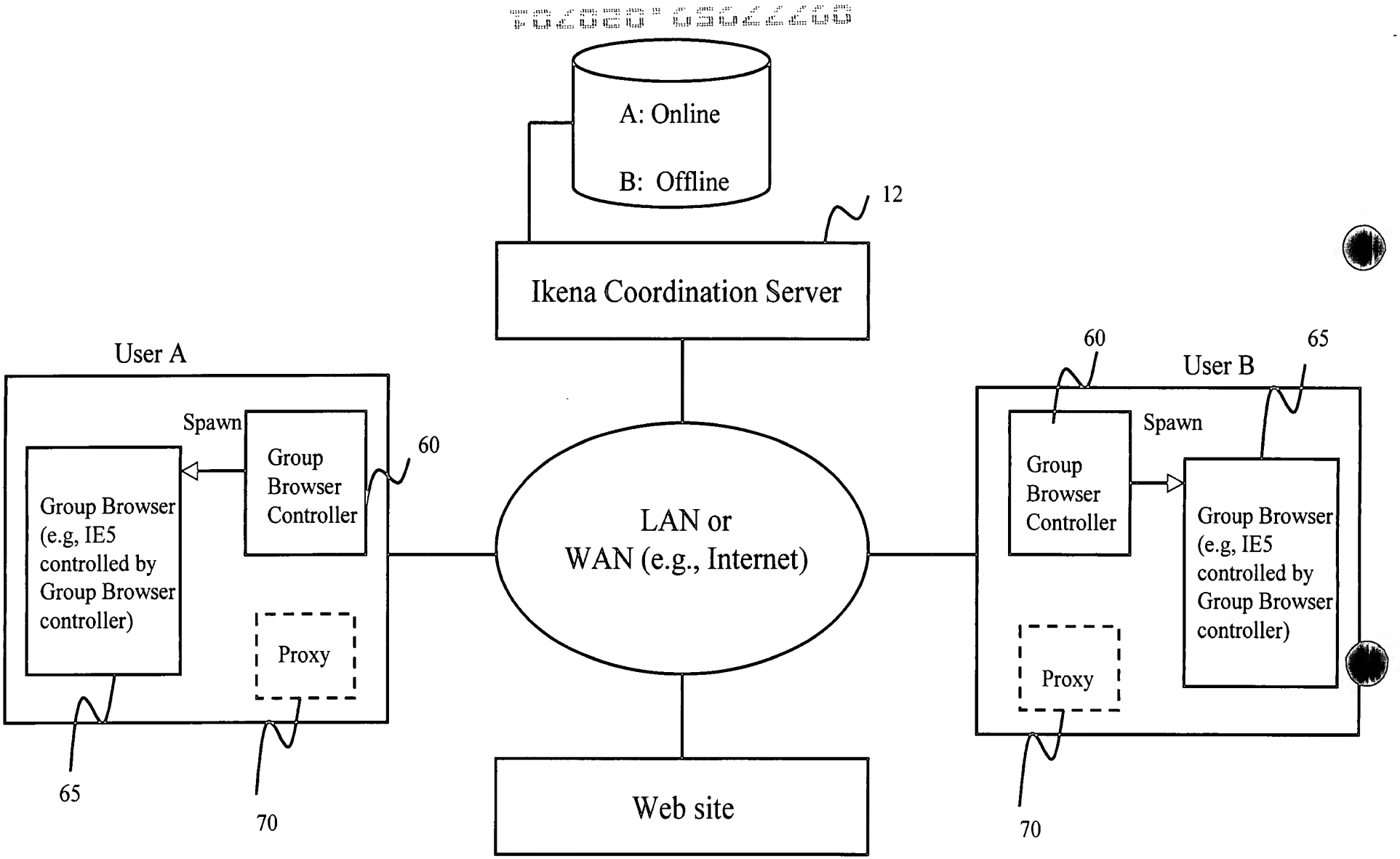

A: Online
B: Offline
12
Ikena Coordination Server
User A
Spawn
Group Browser Controller
60
Group Browser (e.g, IE5 controlled by Group Browser controller)
Proxy
65
70
LAN or WAN (e.g., Internet)
Web site
60
User B
65
Spawn
Group Browser Controller
Group Browser (e.g, IE5 controlled by Group Browser controller)
Proxy
70

Fig. 5E

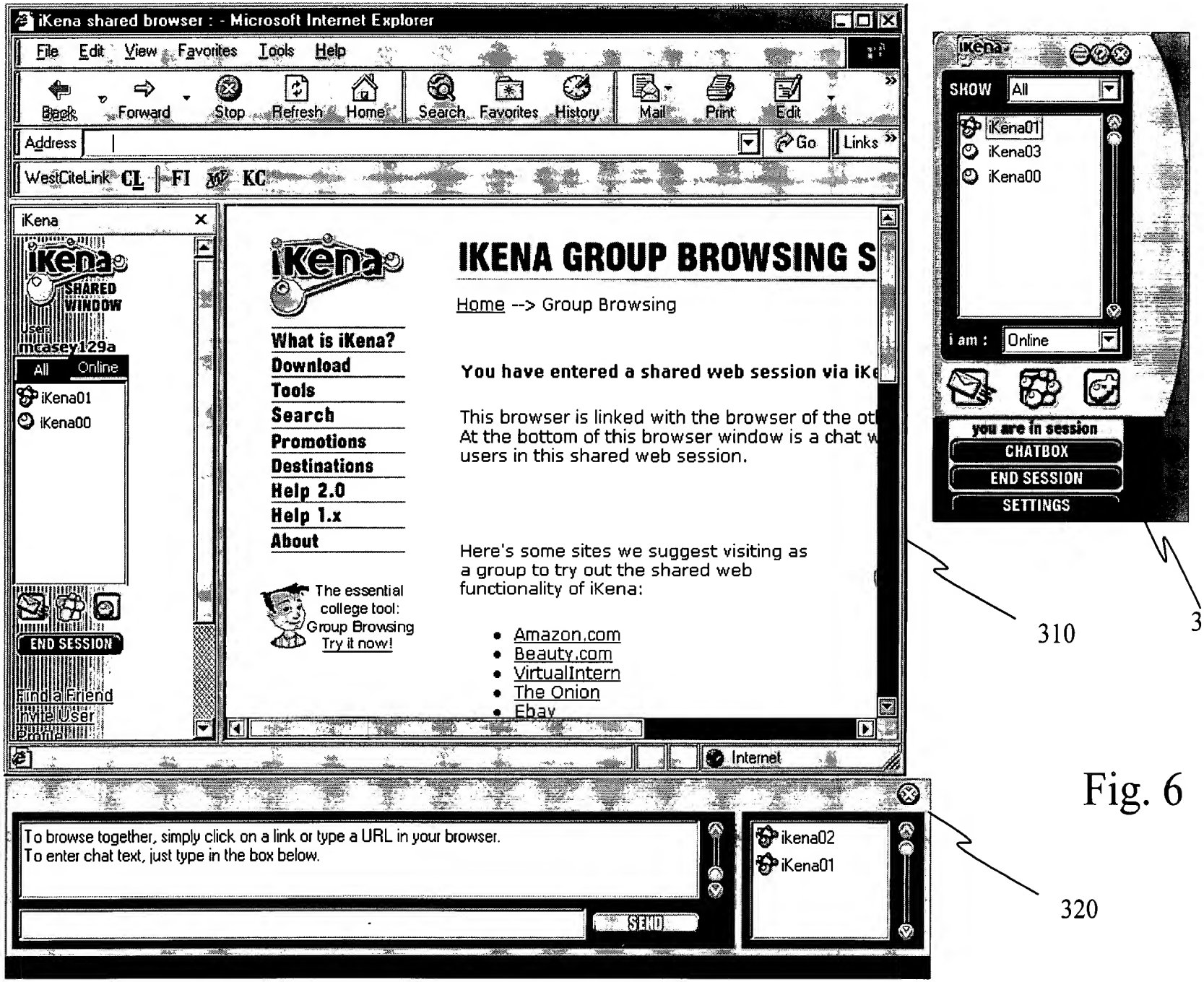

iKena shared browser : - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Forward Stop Refresh Home Search Favorites History Mail Print Edit
Address
Go Links
WestCiteLink CL FI KC
iKena
SHARED WINDOW
User: mcasey129a
All Online
iKena01
iKena00
END SESSION
Find a Friend
Invite User
IKENA GROUP BROWSING S
Home --> Group Browsing
What is iKena?
Download
Tools
Search
Promotions
Destinations
Help 2.0
Help 1.x
About
The essential college tool: Group Browsing
Try it now!
You have entered a shared web session via iK
This browser is linked with the browser of the ot
At the bottom of this browser window is a chat w
users in this shared web session.
Here's some sites we suggest visiting as a group to try out the shared web functionality of iKena:
Amazon.com
Beauty.com
VirtualIntern
The Onion
Ebay
Internet
SHOW All
iKena01
iKena03
iKena00
i am : Online
you are in session
CHATBOX
END SESSION
SETTINGS
To browse together, simply click on a link or type a URL in your browser.
To enter chat text, just type in the box below.
SEND
ikena02
iKena01
310
300
320

Fig. 6

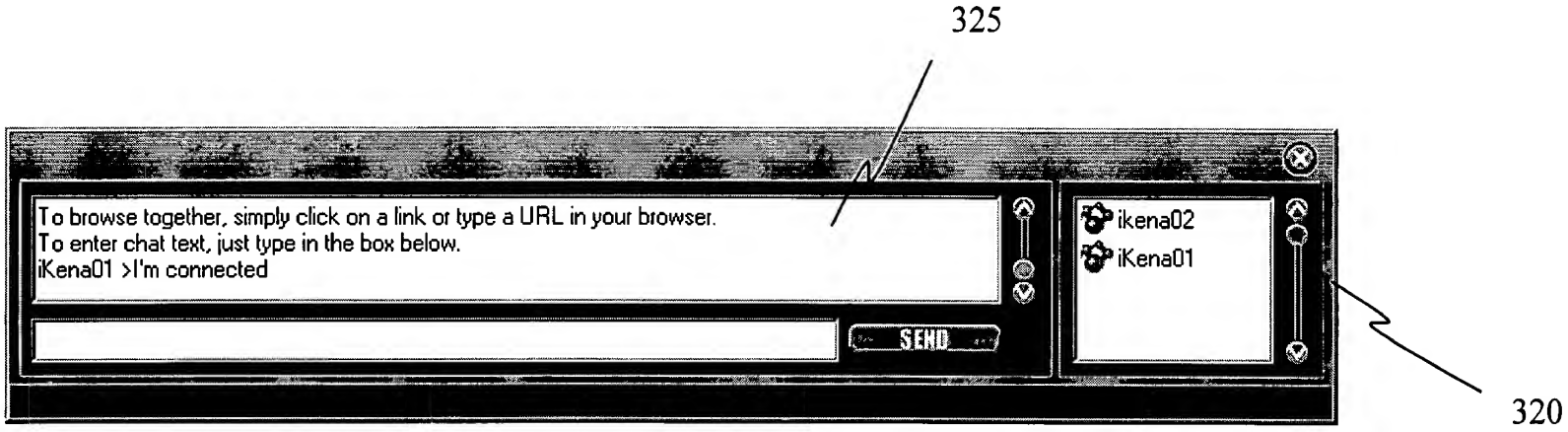

325
To browse together, simply click on a link or type a URL in your browser.
To enter chat text, just type in the box below.
iKena01 >I'm connected
SEND
ikena02
iKena01
320

Fig. 7

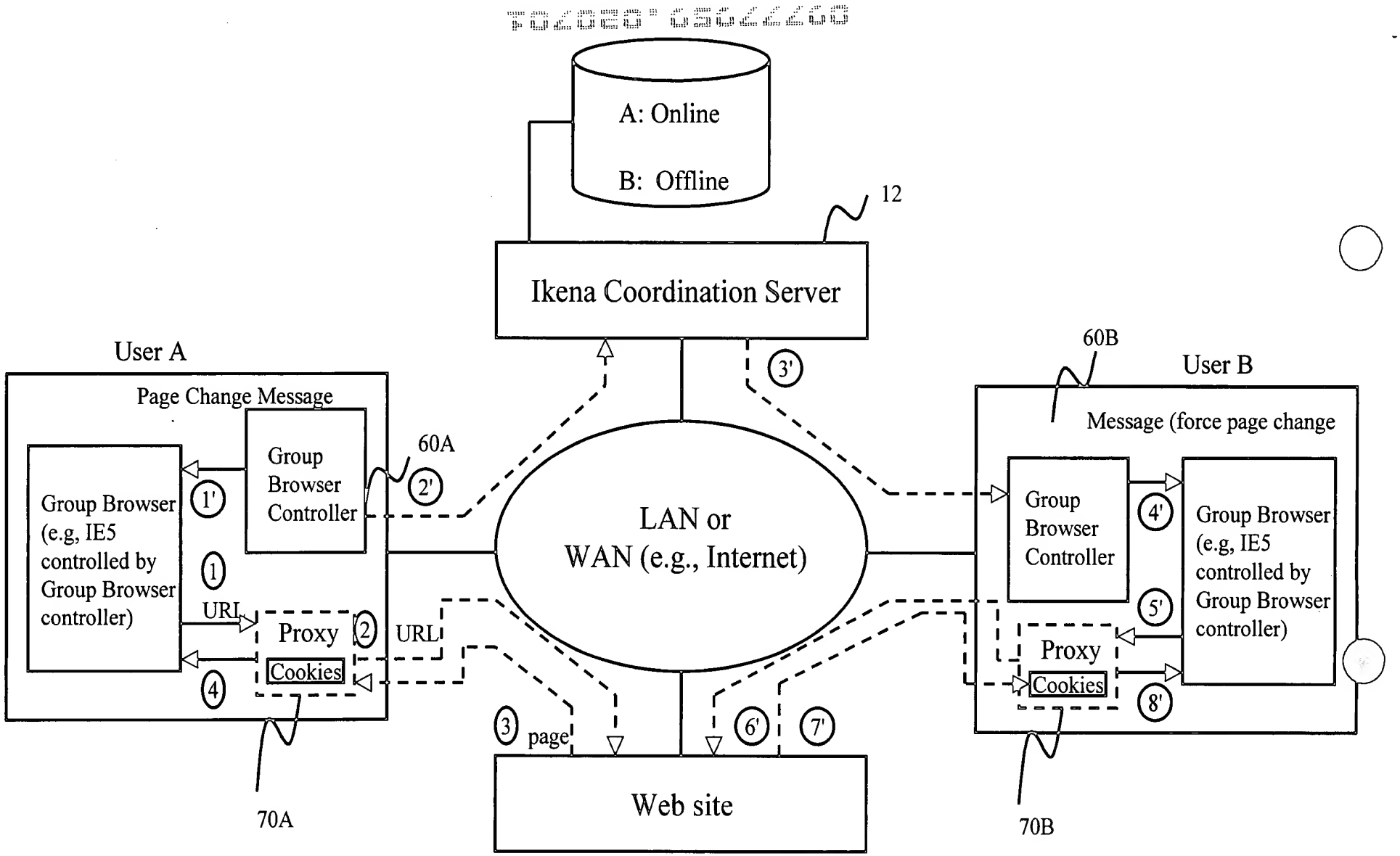

A: Online
B: Offline
12
Ikena Coordination Server
User A
Page Change Message
Group Browser (e.g, IE5 controlled by Group Browser controller)
Group Browser Controller
60A
1'
2'
1
URL
Proxy
2
Cookies
4
70A
LAN or WAN (e.g., Internet)
3'
60B
User B
Message (force page change
Group Browser Controller
4'
Group Browser (e.g, IE5 controlled by Group Browser controller)
5'
Proxy
Cookies
8'
70B
URL
3
page
6'
7'
Web site

Fig. 8A

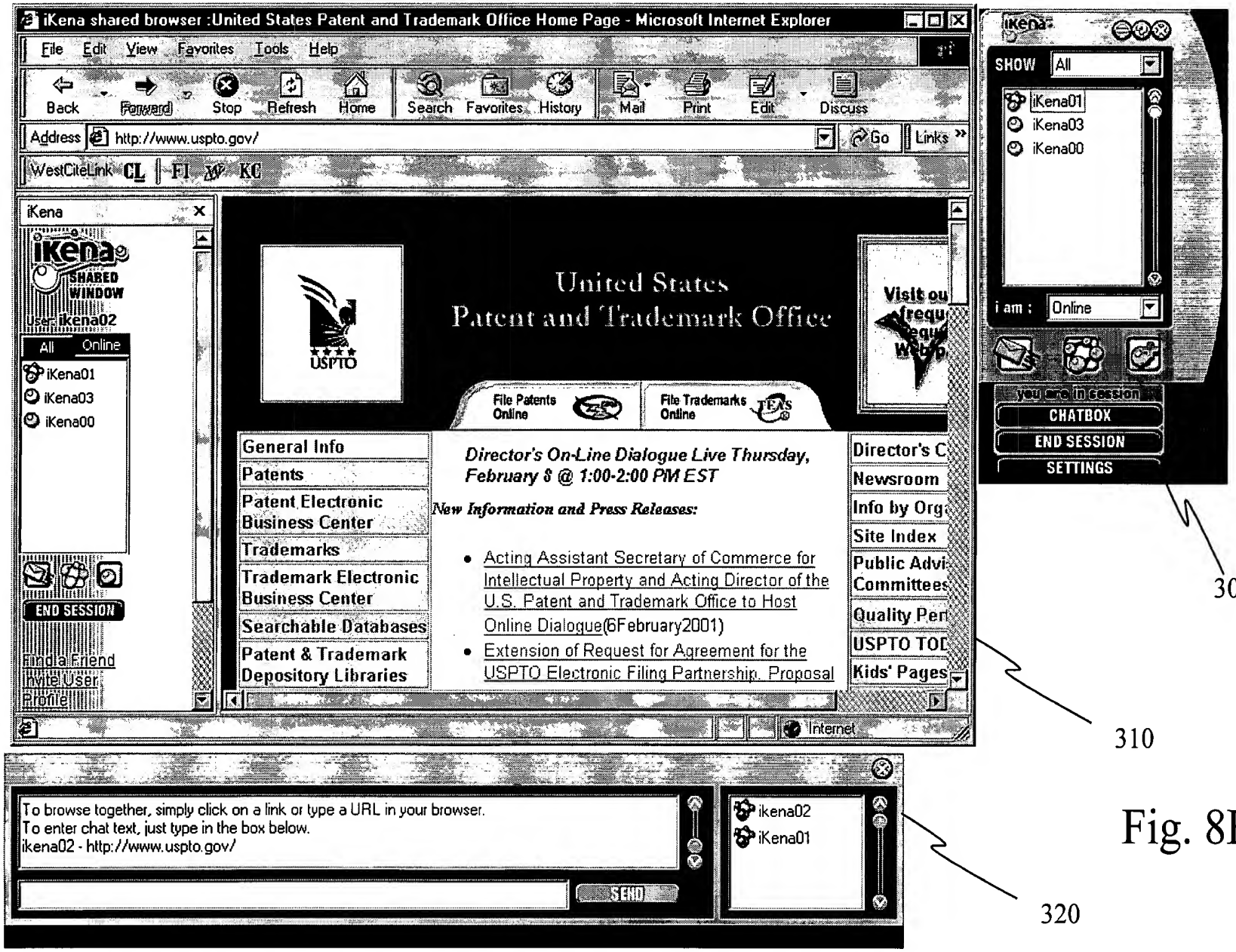

iKena shared browser :United States Patent and Trademark Office Home Page - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss
Address http://www.uspto.gov/
Go Links
WestCiteLink CL FI KC
iKena
iKena SHARED WINDOW
User: ikena02
All Online
iKena01
iKena03
iKena00
END SESSION
Find a Friend
Invite User
Profile
United States Patent and Trademark Office
USPTO
File Patents Online
File Trademarks Online
General Info
Patents
Patent Electronic Business Center
Trademarks
Trademark Electronic Business Center
Searchable Databases
Patent & Trademark Depository Libraries
Director's On-Line Dialogue Live Thursday, February 8 @ 1:00-2:00 PM EST
New Information and Press Releases:
Acting Assistant Secretary of Commerce for Intellectual Property and Acting Director of the U.S. Patent and Trademark Office to Host Online Dialogue(6February2001)
Extension of Request for Agreement for the USPTO Electronic Filing Partnership. Proposal
Director's C
Newsroom
Info by Org
Site Index
Public Advi
Committees
Quality Per
USPTO TOL
Kids' Pages
Internet
iKena
SHOW All
iKena01
iKena03
iKena00
i am : Online
you are in session
CHATBOX
END SESSION
SETTINGS
300
310
To browse together, simply click on a link or type a URL in your browser.
To enter chat text, just type in the box below.
ikena02 - http://www.uspto.gov/
SEND
ikena02
iKena01
320

Fig. 8B

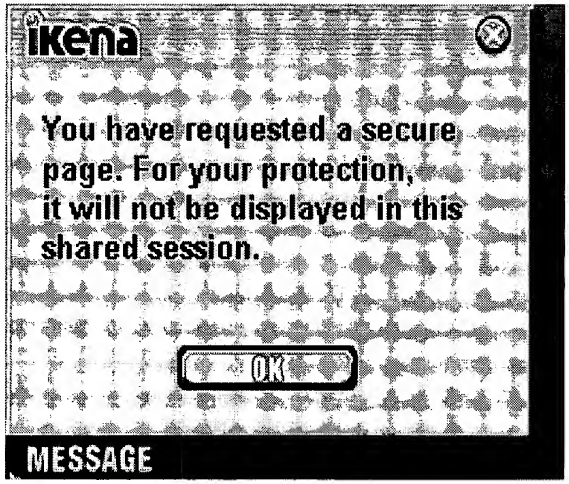

iKena
You have requested a secure page. For your protection, it will not be displayed in this shared session.
OK
MESSAGE

Fig. 9

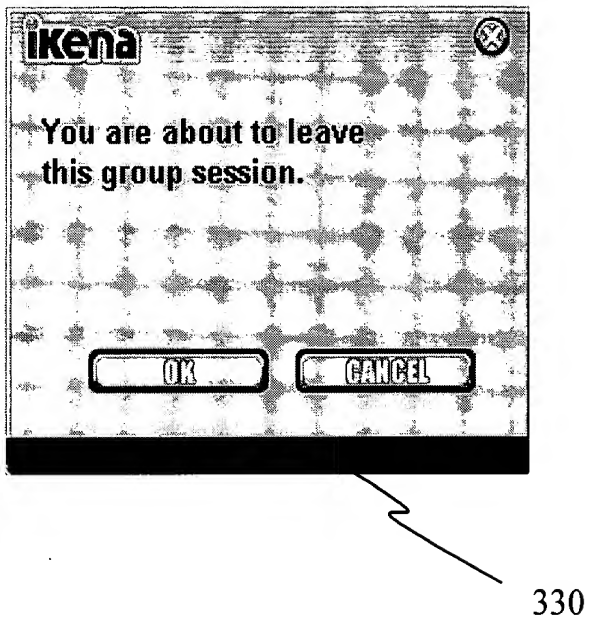


Fig. 10

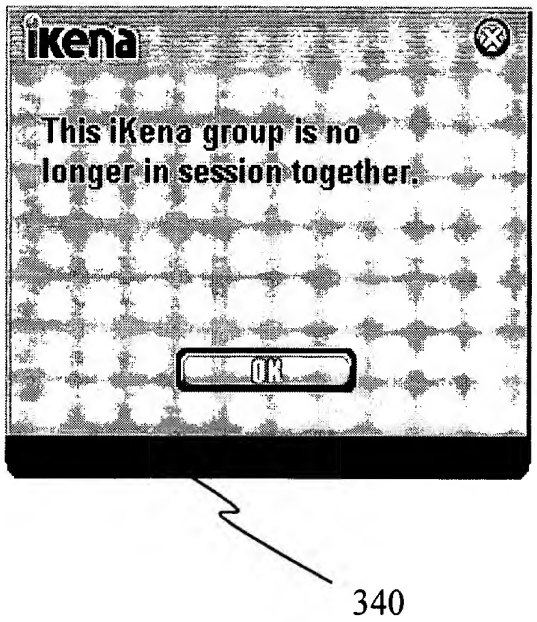


Fig. 11A

```
void _stdcall CIkenaCobrowseHandler::on_terminate_session( long
 session_id, VARIANT_BOOL b_confirm )
{
  if( b_confirm != VARIANT_FALSE )
  {
    CIkenaConfirmDialog cnf_dlg( IK_INTER_STRING(IDS_SESSION_TE
RMINATE_CONFIRM) );
    if( cnf_dlg.DoModal( m_hwnd_parent ) == IDOK )
    {
      if( m_p_ikena_core != 0 )
      {
        CComPtr<IIkenaPluginHost> p_plugin_host;
        m_p_ikena_core->get_plugin_host(&p_plugin_host);
        if ( p_plugin_host != 0 )
        {
          m_b_confirm_terminate = true;
          p_plugin_host->leave_session( session_id );
        }
      }
    }
  }
  else
  {
    IKENANOTIFYHANDLER->show_notify_message( IK_INTER_STRING(ID
S_SESSION_TERMINATE_NOTIFY) );
  }
}

void _stdcall CIkenaCobrowseHandler::on_session_terminate( long
 session_id )
{
  if( m_p_chat_dlg )
  {
    m_p_chat_dlg->end(IDCANCEL);
    m_p_chat_dlg = 0;
  }

  if ( !m_b_confirm_terminate )
  {
    IKENANOTIFYHANDLER->show_notify_message_modal( IDS_SESSION_
TERMINATE_NOTIFY );
    m_b_confirm_terminate = false;
  }
}
```

Fig. 11B

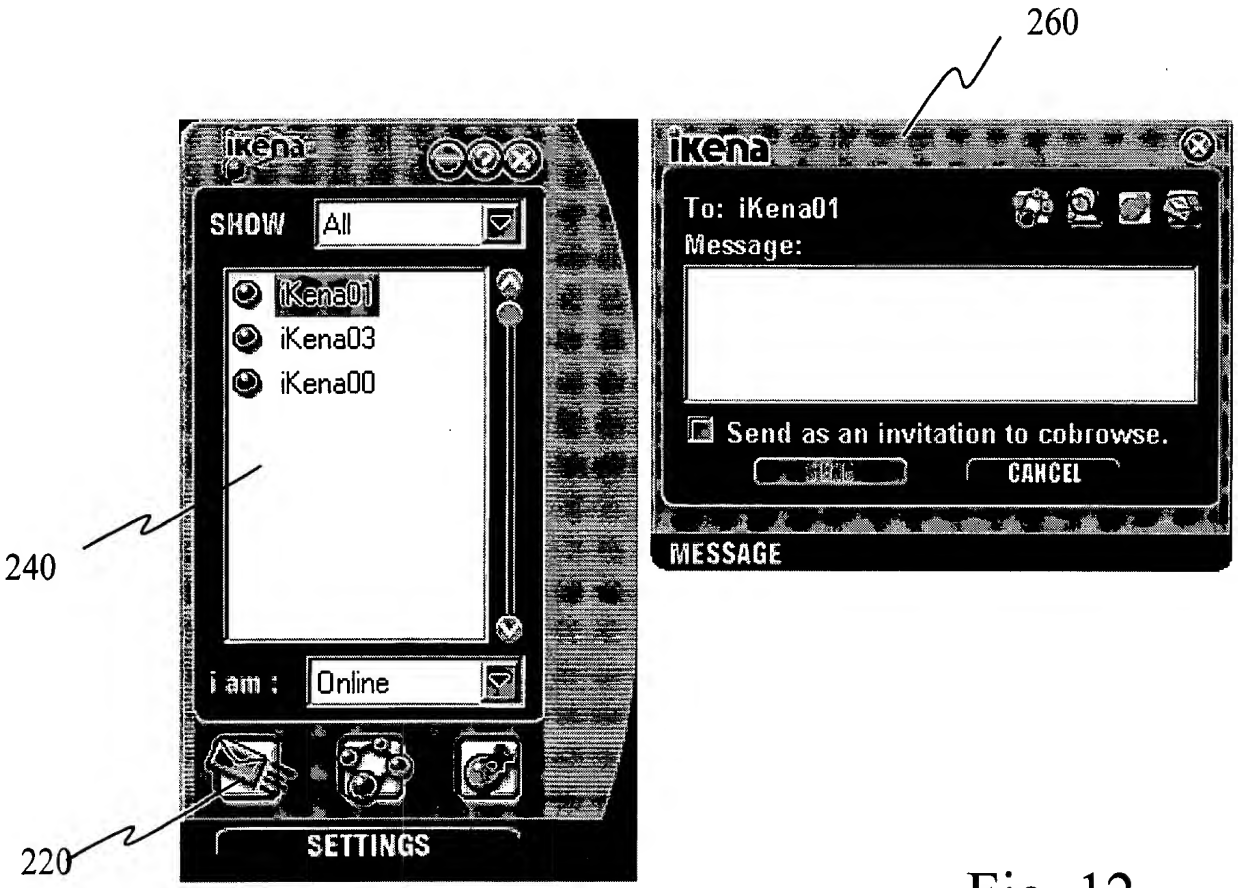

260
iKena
SHOW
All
iKena01
iKena03
iKena00
i am :
Online
SETTINGS
240
220
iKena
To: iKena01
Message:
Send as an invitation to cobrowse.
CANCEL
MESSAGE

Fig. 12

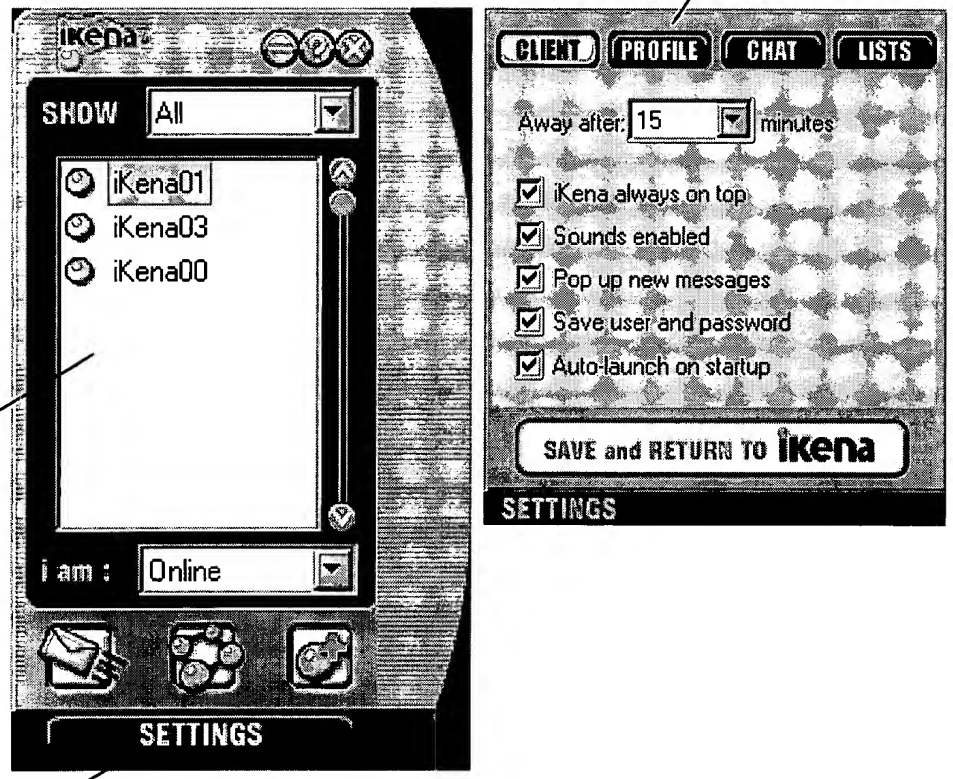

270
iKena
SHOW
All
iKena01
iKena03
iKena00
i am :
Online
SETTINGS
CLIENT
PROFILE
CHAT
LISTS
Away after:
15
minutes
iKena always on top
Sounds enabled
Pop up new messages
Save user and password
Auto-launch on startup
SAVE and RETURN TO iKena
SETTINGS
240
215

Fig. 13

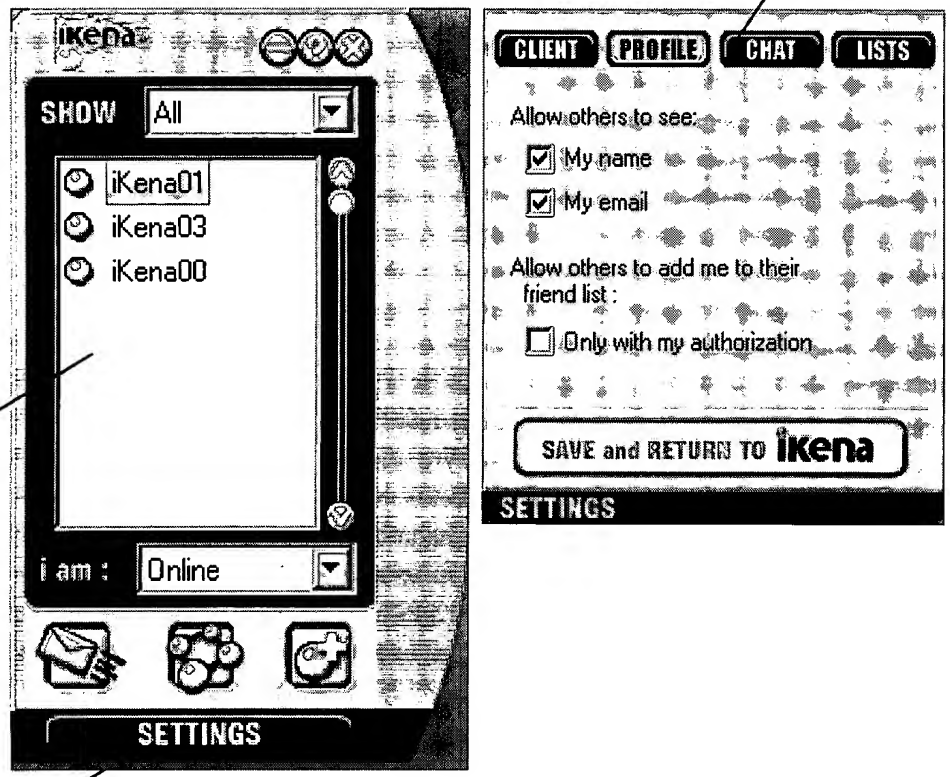

280
iKena
SHOW
All
iKena01
iKena03
iKena00
i am :
Online
SETTINGS
CLIENT
PROFILE
CHAT
LISTS
Allow others to see:
My name
My email
Allow others to add me to their friend list :
Only with my authorization
SAVE and RETURN TO iKena
SETTINGS
240
215

Fig. 14

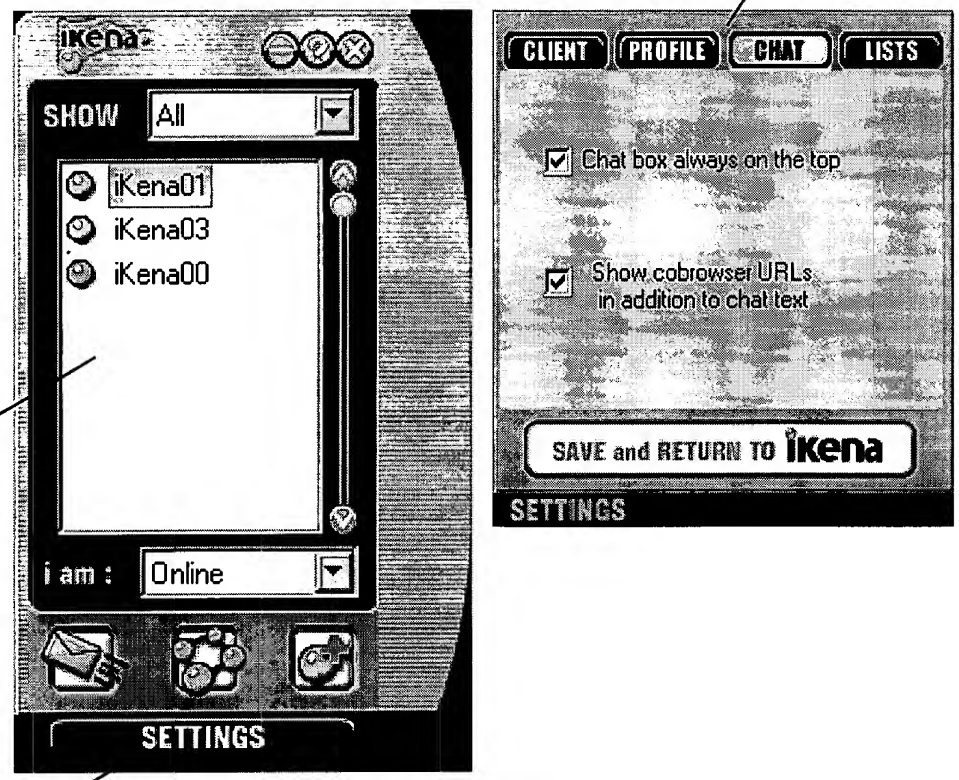

290
iKena
SHOW
All
iKena01
iKena03
iKena00
i am :
Online
SETTINGS
CLIENT
PROFILE
CHAT
LISTS
Chat box always on the top
Show cobrowser URLs
in addition to chat text
SAVE and RETURN TO iKena
SETTINGS
240
215

Fig. 15

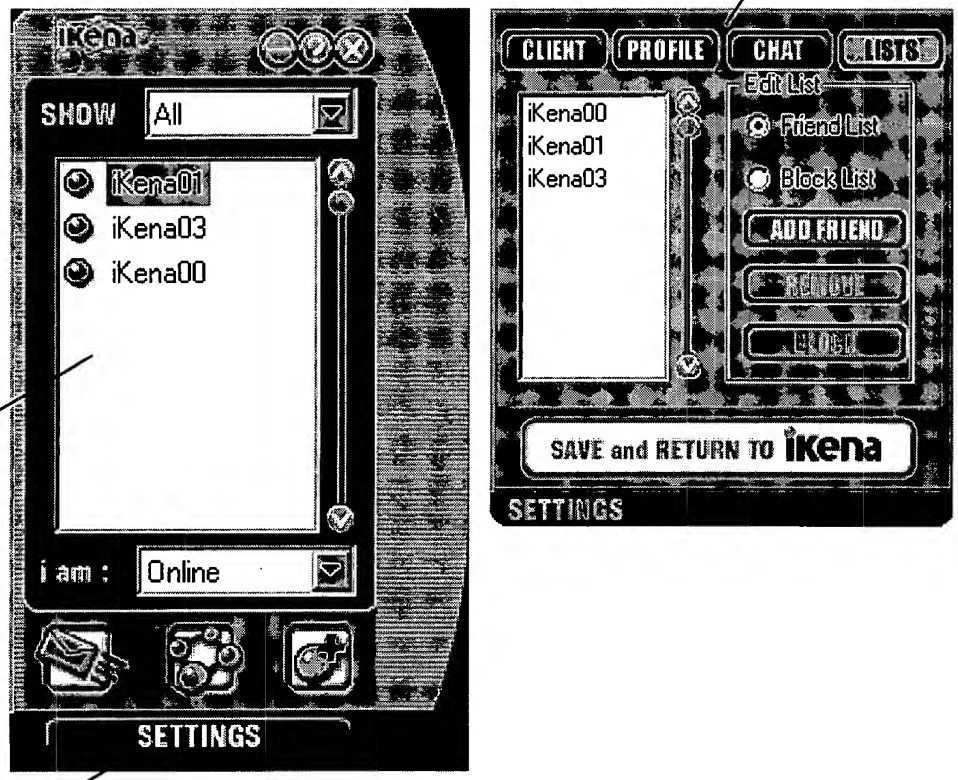

295
iKena
SHOW
All
iKena01
iKena03
iKena00
i am :
Online
SETTINGS
CLIENT
PROFILE
CHAT
LISTS
iKena00
iKena01
iKena03
Edit List
Friend List
Block List
ADD FRIEND
SAVE and RETURN TO iKena
SETTINGS
240
215

Fig. 16

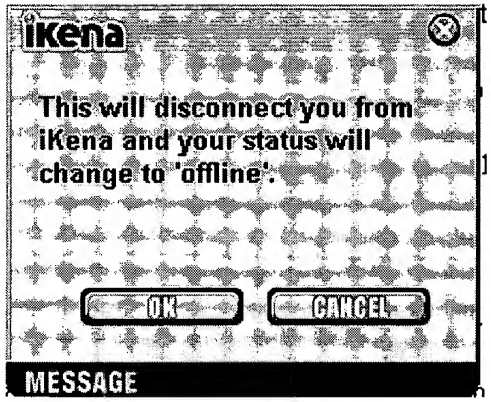

iKena
This will disconnect you from iKena and your status will change to "offline".
OK
CANCEL
MESSAGE

Fig. 17

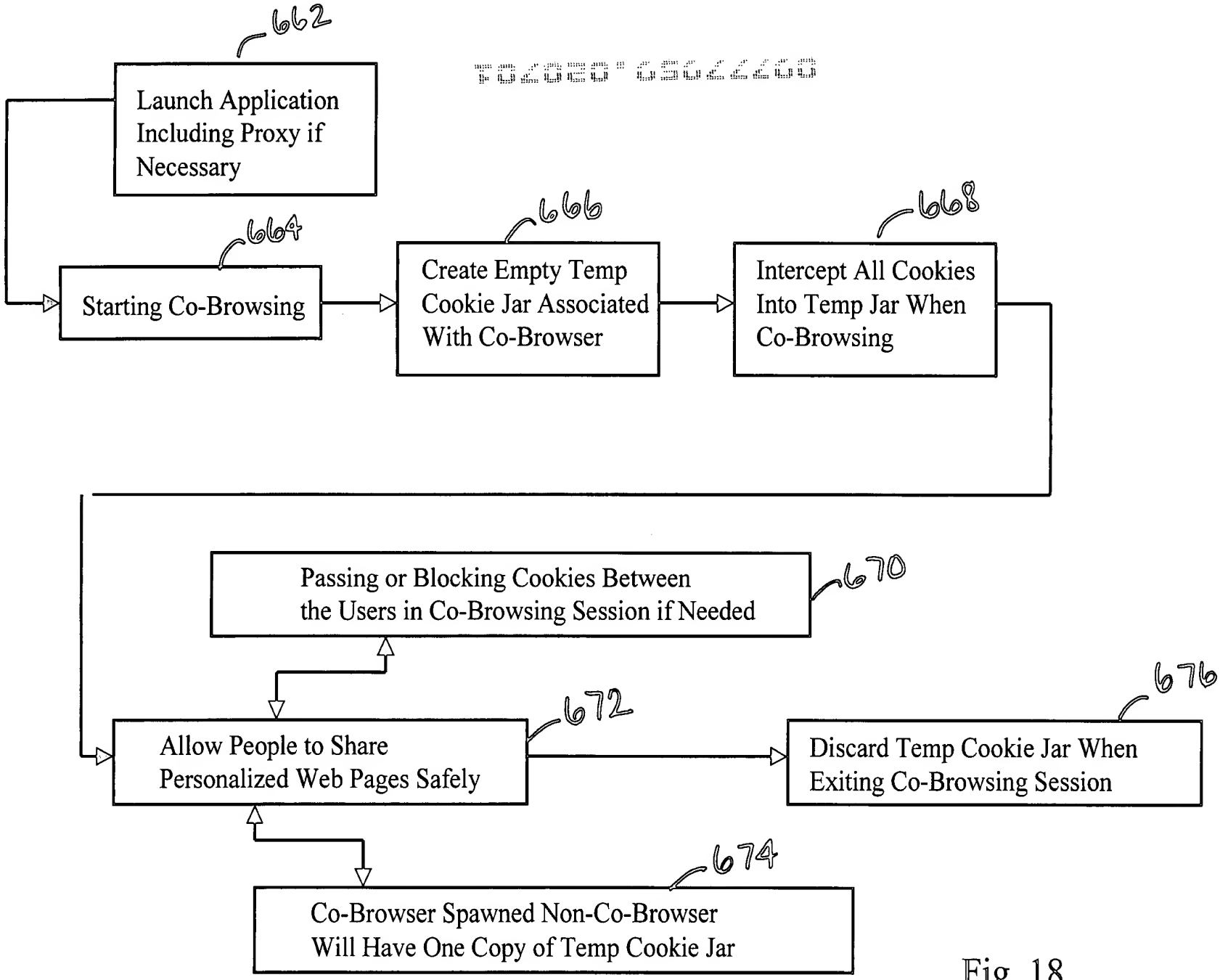

662
Launch Application Including Proxy if Necessary
664
Starting Co-Browsing
666
Create Empty Temp Cookie Jar Associated With Co-Browser
668
Intercept All Cookies Into Temp Jar When Co-Browsing
670
Passing or Blocking Cookies Between the Users in Co-Browsing Session if Needed
672
Allow People to Share Personalized Web Pages Safely
674
Co-Browser Spawned Non-Co-Browser Will Have One Copy of Temp Cookie Jar
676
Discard Temp Cookie Jar When Exiting Co-Browsing Session

Fig. 18